



CROWELL & MORING, LLP
Intellectual Property Group
P.O. Box 14300
Washington, D.C. 20044-4300
(202) 624-2500

January 9, 2004

Customer No.

23911

Mail Stop: Patent Application

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Re: New U.S. Patent Appln.
Our Ref: 056203.53141US

Sir:

Transmitted herewith for filing is the patent application of:

Masayuki KOBAYASHI, Kouji HARADA, Hiroatsu TOKUDA and Kazuo OJIMA

Entitled: **WORKING METHOD OF METAL MATERIAL AND SEMICONDUCTOR APPARATUS FABRICATED BY THE METHOD**

Enclosed are:

1. Specification, including 15 claims (24 pages).
2. 7 Sheets of Formal Drawings Showing Figs. 1-13.
3. Declaration and Power of Attorney (**Executed**).
4. Application Data Sheet
5. Assignment of the invention to Hitachi, Ltd. Tokyo, Japan
6. Priority is being claimed under 35 U.S.C. §119 and 37 C.F.R. §1.55 based on Priority Document 2003-018185, filed in Japan on January 28, 2003.
7. Information Disclosure Statement w/2 references.
8. The filing fee has been calculated as shown below:

Basic Fee					\$385/770	= \$770.00
Total Claims	<u>15</u>	-	20	=	<u>0</u>	x \$9/18 = \$
Independent Claims	<u>3</u>	-		=	<u>0</u>	x \$43/86 = \$
Multiple Dependent Claim Presented					\$140/280	= \$
Total Filing Fee						<u>\$770.00</u>

17548 U.S. PTO
10/753406



Two checks in the amount of \$770.00 for the filing fee and \$40.00 for the assignment recording fee are enclosed. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Deposit Account No. 05-1323 (Docket #056203.53141US). A duplicate copy of this sheet is enclosed.

Respectfully submitted,

A handwritten signature in cursive script, appearing to read "James F. McKeown", written over a horizontal line.

James F. McKeown
Reg. No. 25,406
Lawrence E. Carter
Reg. No. 51,532

JFM:LEC:adb
Document#298240